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Effect of polyoxometalate in organic-inorganic hybrids on charge transfer and absorption spectra towards sensitizers

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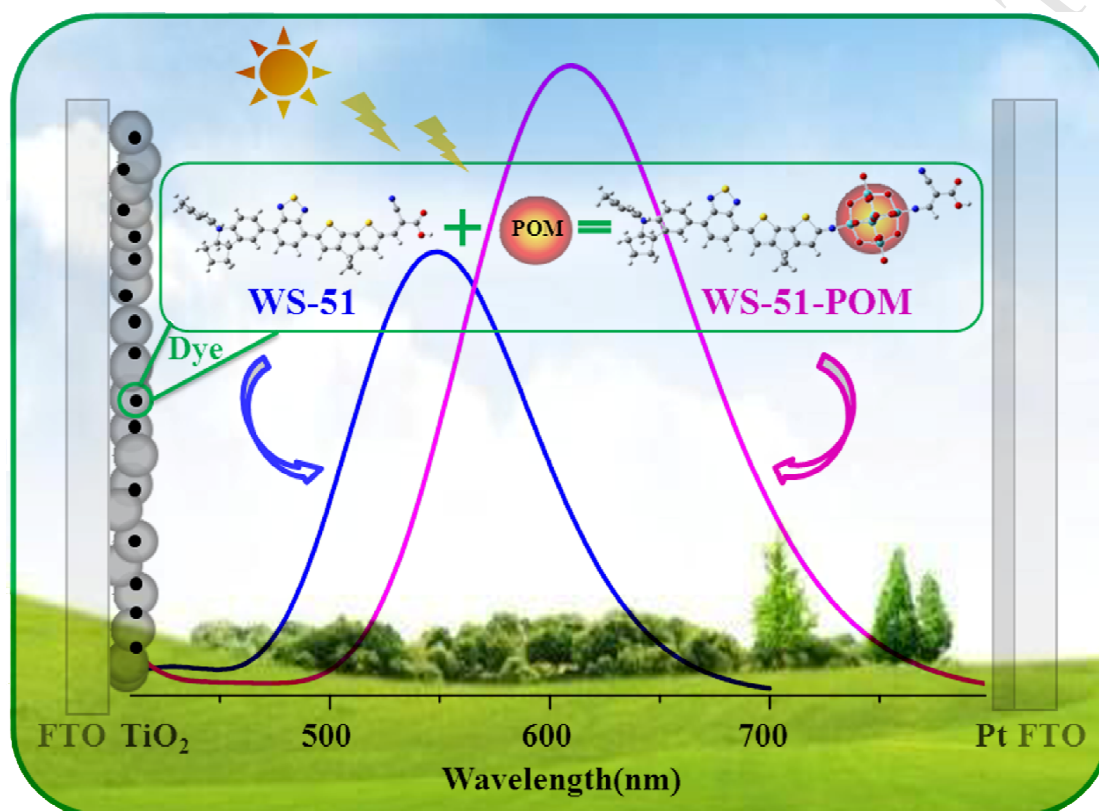
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Graphical Abstract

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Four D-A- π -A hybrids were designed by introducing polyoxometalate for improving photovoltaic performance.

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